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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1	Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	"Ask CAS" for self-help around the clock
NEWS 3 Feb 24	PCTGEN now available on STN
NEWS 4 Feb 24	TEMA now available on STN
NEWS 5 Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6 Feb 26	PCTFULL now contains images
NEWS 7 Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8 Mar 24	PATDPAFULL now available on STN
NEWS 9 Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10 Apr 11	Display formats in DGENE enhanced
NEWS 11 Apr 14	MEDLINE Reload
NEWS 12 Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13 Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14 Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15 Apr 28	RDISCLOSURE now available on STN
NEWS 16 May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17 May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18 May 15	Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 19 May 19	Simultaneous left and right truncation added to WSCA
NEWS 20 May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21 Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22 Jun 06	PASCAL enhanced with additional data
NEWS 23 Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24 Jun 25	HSDB has been reloaded
NEWS 25 Jul 16	Data from 1960-1976 added to RDISCLOSURE
NEWS 26 Jul 21	Identification of STN records implemented
NEWS 27 Jul 21	Polymer class term count added to REGISTRY
NEWS 28 Jul 22	INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS EXPRESS	April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:35:05 ON 23 JUL 2003

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 09:35:10 ON 23 JUL 2003

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STRUCTURE FILE UPDATES: 22 JUL 2003 HIGHEST RN 552809-70-8

DICTIONARY FILE UPDATES: 22 JUL 2003 HIGHEST RN 552809-70-8

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>Testing the current file.... screen

ENTER SCREEN EXPRESSION OR (END):end

=> screen 2076 AND 1995 AND 2009

L1 SCREEN CREATED

=>

Uploading C:\STNEXP4\QUERIES\10033769-elected.str

L2 STRUCTURE UPLOADED

=> que L2 AND L1

L3 QUE L2 AND L1

=> d

L3 HAS NO ANSWERS

L1 SCR 2076 AND 1995 AND 2009

L2 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

L3 QUE ABB=ON PLU=ON L2 AND L1

<C

=> s l3

SAMPLE SEARCH INITIATED 09:35:33 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 32 TO ITERATE

100.0% PROCESSED 32 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 301 TO 979

PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L2 AND L1

=> s l3 full

FULL SEARCH INITIATED 09:35:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 559 TO ITERATE

100.0% PROCESSED 559 ITERATIONS

6 ANSWERS

SEARCH TIME: 00.00.01

L5 6 SEA SSS FUL L2 AND L1

=> d lc 1-6

<C

Page 4

LS ANSWER 1 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

LS ANSWER 2 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

LS ANSWER 3 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

LS ANSWER 4 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

<C

Page 5

L5 ANSWER 5 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

L5 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2003 ACS on STN
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

<C

=> fil .search

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

158.23

158.44

FILE 'MEDLINE' ENTERED AT 09:35:53 ON 23 JUL 2003

FILE 'CAPLUS' ENTERED AT 09:35:53 ON 23 JUL 2003

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FILE 'BIOSIS' ENTERED AT 09:35:53 ON 23 JUL 2003

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FILE 'USPATFULL' ENTERED AT 09:35:53 ON 23 JUL 2003

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FILE 'EMBASE' ENTERED AT 09:35:53 ON 23 JUL 2003

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=> s l5

L6

2 L5

=> dup rem l6

PROCESSING COMPLETED FOR L6

L7

2 DUP REM L6 (0 DUPLICATES REMOVED)

=> d ibib ab hitstr 1-

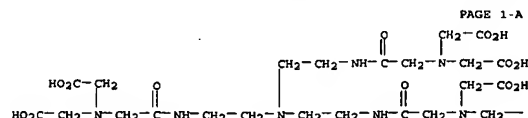
YOU HAVE REQUESTED DATA FROM 2 ANSWERS - CONTINUE? Y/(N):y

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN
 ACCESSION NUMBER: 2002:539559 CAPLUS
 DOCUMENT NUMBER: 137:114495
 TITLE: Polypodal chelants for metallopharmaceuticals
 INVENTOR(S): Liu, Shuang
 PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA
 SOURCE: PCT Int. Appl., 94 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002055112	A2	20020718	WO 2001-US0416	20011227

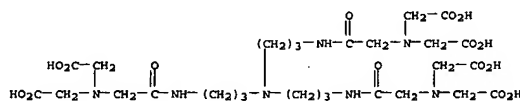
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 RN: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
 US 2002094316 A1 20020718 US 2001-33769 20011227
 PRIORITY APPLN. INFO.: US 2001-260618P P 20010109
 OTHER SOURCE(S): MARPAT 137:114495
 AB Polypodal chelants are disclosed, as well as chelates of the chelates of the chelants with metal ions to form radiopharmaceutical and radioactive, MRI and X-ray or CT imaging compds. and compns. Therapeutic and imaging methods of use are also disclosed. Several examples of synthetic procedures and radiochem. purity of 111In and 153Sm complexes of the polypodal complexes are given. The chelants and complexes may be suitable as diagnostic and therapeutic agents such as for treating conditions assocd. with angiogenic neovascularity and heavy metal toxicity. They are also useful for targeting biomols.
 IT 442850-23-9DP, indium-111 complexes 442850-24-ODP, indium-111 complexes
 RL: PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (polypodal chelants for metallopharmaceuticals and radiopharmaceuticals)
 RN 442850-23-9 CAPLUS
 CN 3,6,9,12,15-Pentaazaseptadecanedioic acid, 9-[2-[[[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-5,13-dioxo- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)



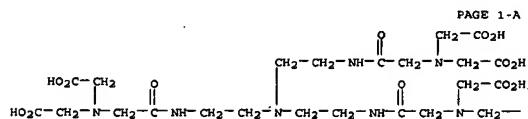
PAGE 1-B

—CO₂H
 RN 442850-24-0 CAPLUS
 CN 3,6,10,14,17-Pentaazanonadecanedioic acid, 10-[3-[[[bis(carboxymethyl)amino]acetyl]amino]propyl]-3,17-bis(carboxymethyl)-5,15-dioxo- (9CI) (CA INDEX NAME)



IT 442850-09-19 442850-10-4P 442850-15-9P
 RL: RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses) (polypodal chelants for metallopharmaceuticals and radiopharmaceuticals)
 RN 442850-09-1 CAPLUS
 CN 3,6,9,12,15-Pentaazaseptadecanedioic acid, 9-[2-[[[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-5,13-dioxo-, tetrahydrochloride (9CI) (CA INDEX NAME)

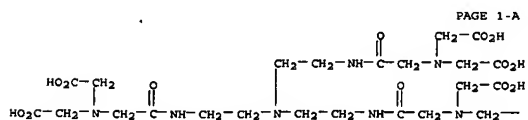
L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)



● 4 HCl

PAGE 1-B

—CO₂H
 RN 442850-10-4 CAPLUS
 CN 3,6,9,12,15-Pentaazaseptadecanedioic acid, 9-[2-[[[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-5,13-dioxo-, hexasodium salt (9CI) (CA INDEX NAME)

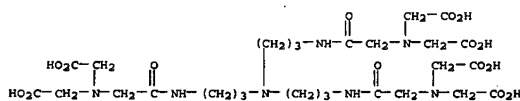


● 6 Na

PAGE 1-B

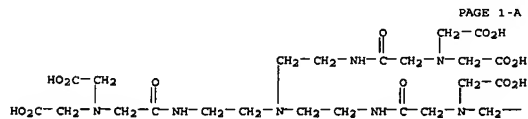
—CO₂H
 RN 442850-15-9 CAPLUS
 CN 3,6,10,14,17-Pentaazanonadecanedioic acid, 10-[3-[[[bis(carboxymethyl)amino]acetyl]amino]propyl]-3,17-bis(carboxymethyl)-5,13-dioxo- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS ON STN (Continued)



● 6 Na

IT 442850-22-8DP, lanthanum complexes 442850-23-9DP, yttrium-90 complexes 442850-24-ODP, yttrium-90 complexes
 RL: SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (polypodal chelants for metallopharmaceuticals and radiopharmaceuticals)
 RN 442850-22-8 CAPLUS
 CN 3,6,9,12,15-Pentaazaseptadecanedioic acid, 9-[2-[[[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-5,13-dioxo-, trisodium salt (9CI) (CA INDEX NAME)

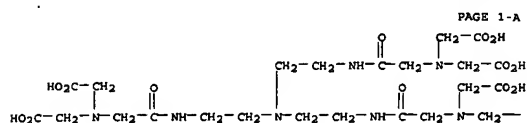


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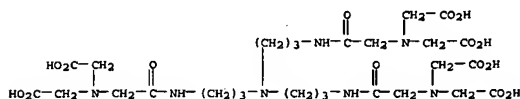
PAGE 1-B

—CO₂H
 RN 442850-23-9 CAPLUS
 CN 3,6,9,12,15-Pentaazaseptadecanedioic acid, 9-[2-[[[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-5,13-dioxo- (9CI) (CA INDEX NAME)

L7 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN (Continued)

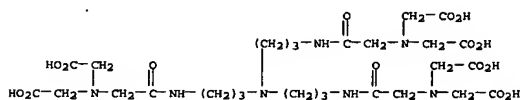
—CO₂H

RN 442850-24-0 CAPLUS
 CN 3,6,10,14,17-Pentazanonadecanedioic acid, 10-[3-
 [[bis(carboxymethyl)amino]acetyl]amino]propyl]-3,17-bis(carboxymethyl)-
 5,15-dioxo- (9CI) (CA INDEX NAME)

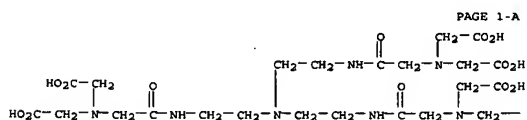


L7 ANSWER 2 OF 2 USPATFULL on STN (Continued)

RN 442850-24-0 USPATFULL
 CN 3,6,10,14,17-Pentazanonadecanedioic acid, 10-[3-
 [[bis(carboxymethyl)amino]acetyl]amino]propyl]-3,17-bis(carboxymethyl)-
 5,15-dioxo- (9CI) (CA INDEX NAME)



IT 442850-09-1P 442850-10-4P 442850-15-9P
 (polypodal chelants for metallopharmaceuticals and
 radiopharmaceuticals)
 RN 442850-09-1 USPATFULL
 CN 3,6,9,12,15-Pentazaheptadecanedioic acid, 9-[2-
 [[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-
 5,13-dioxo-, tetrahydrochloride (9CI) (CA INDEX NAME)



● 4 HCl

—CO₂H

RN 442850-10-4 USPATFULL
 CN 3,6,9,12,15-Pentazaheptadecanedioic acid, 9-[2-
 [[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-
 5,13-dioxo-, hexasodium salt (9CI) (CA INDEX NAME)

L7 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:178530 USPATFULL
 TITLE: Polypodal chelants for metallopharmaceuticals
 INVENTOR(S): Liu, Shuang, Chelmsford, MA, UNITED STATES

NUMBER	KIND	DATE
US 2002094316	A1	20020718
US 2001-33769	A1	20011227 (10)

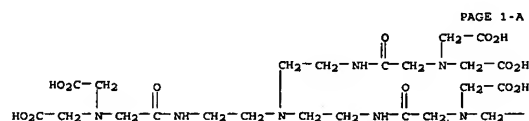
PATENT INFORMATION: US 2001-260618P 20010109 (60)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: BRISTOL-MYERS SQUIBB PHARMA COMPANY, PATENT
 DEPARTMENT,
 P.O. BOX 4000, PRINCETON, NJ, 08543-4000

NUMBER OF CLAIMS: 110
 EXEMPLARY CLAIM: 1
 NUMBER OF DRAWINGS: 2 Drawing Page(s)
 LINE COUNT: 2716
 CASE INDEXING IS AVAILABLE FOR THIS PATENT.

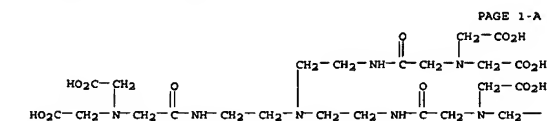
AB Polypodal chelants are disclosed, as well as chelates of the chelants with metal ions to form radiopharmaceutical and radioactive, MRI and X-ray or CT imaging compounds and compositions. Therapeutic and imaging methods of use are also disclosed.

IT 442850-23-9DP, indium-111 complexes 442850-24-ODP,
 indium-111 complexes
 (polypodal chelants for metallopharmaceuticals and
 radiopharmaceuticals)

RN 442850-23-9 USPATFULL
 CN 3,6,9,12,15-Pentazaheptadecanedioic acid, 9-[2-
 [[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-
 5,13-dioxo- (9CI) (CA INDEX NAME)

—CO₂H

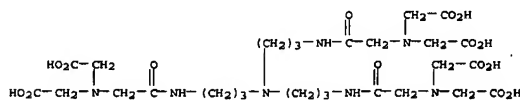
L7 ANSWER 2 OF 2 USPATFULL on STN (Continued)



● 6 Na

—CO₂H

RN 442850-15-9 USPATFULL
 CN 3,6,10,14,17-Pentazanonadecanedioic acid, 10-[3-
 [[bis(carboxymethyl)amino]acetyl]amino]propyl]-3,17-bis(carboxymethyl)-
 5,15-dioxo-, hexasodium salt (9CI) (CA INDEX NAME)



● 6 Na

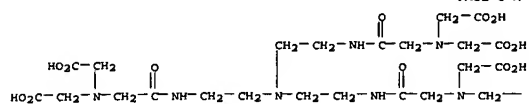
IT 442850-22-8DP, lanthanum complexes 442850-23-9DP,
 yttrium-90 complexes 442850-24-ODP, yttrium-90 complexes
 (polypodal chelants for metallopharmaceuticals and
 radiopharmaceuticals)

RN 442850-22-8 USPATFULL
 CN 3,6,9,12,15-Pentazaheptadecanedioic acid, 9-[2-
 [[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-
 5,13-dioxo-, trisodium salt (9CI) (CA INDEX NAME)

<C

L7 ANSWER 2 OF 2 USPATFULL on STN (Continued)

PAGE 1-A



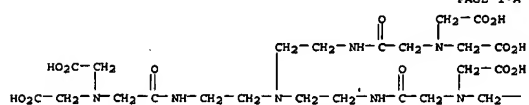
●₃ Na

PAGE 1-B

$$-\text{CO}_2\text{H}$$

RN 442850-23-9 USPATFULL
CN 3,6,9,12,15-Pentaoxaheptadecanedioic acid, 9-[2-
[[[bis(carboxymethyl)amino]acetyl]amino]ethyl]-3,15-bis(carboxymethyl)-
5,13-dioxo- (9CI) (CA INDEX NAME)

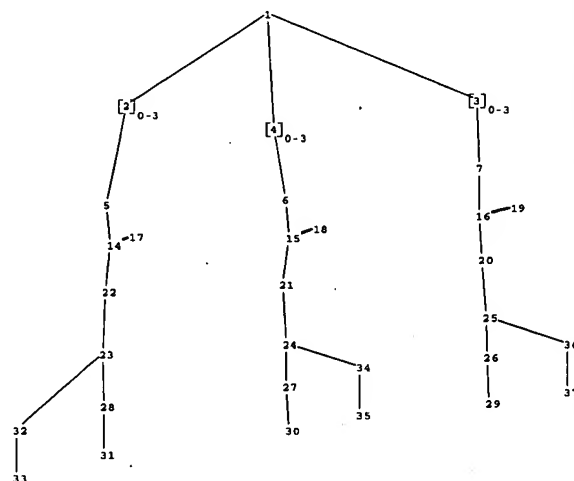
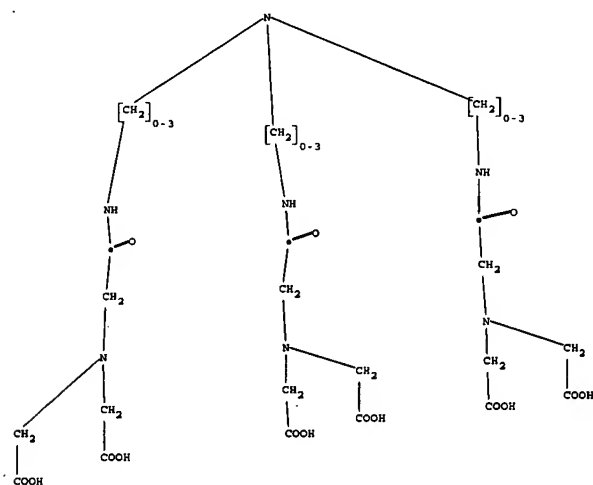
PAGE 1-A



PAGE 1-B

$$-\text{CO}_2\text{H}$$

RN 442850-24-0 USPATFULL
CN 3,6,10,14,17-Pentaazanonadecanedioic acid, 10-[3-
[[[bis(carboxymethyl)amino]acetyl]amino]propyl]-3,17-bis(carboxymethyl)-



chain nodes :

1 2 3 4 5 6 7 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
32 33 34 35 36 37

chain bonds :

1-2 1-3 1-4 2-5 3-7 4-6 5-14 6-15 7-16 14-17 14-22 15-18 15-21 16-19 16-20
20-25 21-24 22-23 23-28 23-32 24-27 24-34 25-26 25-36 26-29 27-30 28-31 32-33
34-35 36-37

exact/norm bonds :

5-14 6-15 7-16 14-17 15-18 16-19

exact bonds :

1-2 1-3 1-4 2-5 3-7 4-6 14-22 15-21 16-20 20-25 21-24 22-23 23-28 23-32 24-27
24-34 25-26 25-36 26-29 27-30 28-31 32-33 34-35 36-37

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 14:CLASS 15:CLASS 16:CLASS
17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS
26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS
35:CLASS 36:CLASS 37:CLASS